

DESCRIPTIVE ABSTRACT

This is a magnetic actuator including a
5 mobile magnetic portion (20), a fixed magnetic portion
(10) provided with at least two attraction areas (11,
12) for the mobile magnetic portion (20), and means
(30) for triggering the displacement of the mobile
magnetic portion (20), the mobile magnetic portion (20)
10 being in levitation when it is not in contact with an
attraction area (11, 12). The mobile magnetic portion
(20) includes a magnet-based part (200) with reduced
magnet weight, this part (200) having an overall
volume, and a mass which is less than the one it would
15 have if its overall volume was totally occupied by the
magnet.

Fig. 2B.